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Name of Registered Representative:

John C. Freeman
John C. Freeman, Reg. No. 34,483
July 28, 2003
Date of Signature

PATENT
CASE NO. 9743/4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application:)
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)
Ludwig Angerpointner)
) Group Art Unit: 2834
Serial No.: 10/043,885)
) Examiner: Pham, Leda T.
Filed: January 9, 2002)
)
For: SLIP RING UNIT WITH A)
PRINTED CIRCUIT BOARD)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with Applicant's duty of disclosure under 37 C.F.R. § 1.56 and in conformance with 37 C.F.R. §§ 1.97-1.98, Applicant hereby submits the following references for consideration by the Examiner. In particular the requirements of 37 C.F.R. § 1.97(c) have been satisfied as shown by the enclosed payment of \$ 180 fee as set forth in 37 C.F.R. § 1.17(p). A copy of the reference has been enclosed along with a completed copy of Form PTO-1449.

I. DISCLOSURE

A. U.S. Patents

<u>Patent No.</u>	<u>Inventor</u>	<u>Issue Date</u>
3,042,998	Sweet et al.	07/10/62
4,617,505	Sausner et al.	10/14/86
4,870,311	Chase et al.	09/26/89
5,231,374	Larsen et al.	07/27/93

B. U.S. Patent Application Publications

<u>Publication No.</u>	<u>Inventor</u>	<u>Publication Date</u>
US 2003/0103770 A1	Arbuckle	06/05/03

C. Foreign Patents

<u>Reference No.</u>	<u>Country</u>	<u>Pub. Date</u>
34 14 211 C2	Germany	05/31/90
G 94 01 715.8 U1	Germany	05/05/94
43 16 142 A1	Germany	11/17/94

II. DISCUSSION

A. U.S. Patent No. 3,042,998

The '998 patent was cited as a D-type and an A-type reference in a Search Report for corresponding German Patent Application No. 101 12 895.9. An A-type reference provides technical background and is not pertinent to patentability.

B. U.S. Patent No. 4,870,311

The '311 patent was cited as a D-type and an A-type reference in a Search Report for corresponding German Patent Application No. 101 12 895.9.

C. U.S. Patent No. 5,231,374

The '374 patent was cited as a D-type and an A-type reference in a Search Report for corresponding German Patent Application No. 101 12 895.9.

D. German Reference No. 34 14 211

Based solely on the drawings and the attached English language Abstract, the '211 reference is pertinent because it appears to disclose a voltage supply that has a slider that is displaced along two longitudinal conductor paths. It is believed that U.S. Patent No. 4,617,505 corresponds to the '211 reference.

The '211 reference was cited as an Y-type reference in a Search Report for corresponding German Patent Application No. 101 12 895.9. A Y-type reference is pertinent when combined with another Y-type reference.

E. German Reference No. 94 01 715.8

Based solely on the drawings, the '715.8 reference is pertinent because it appears to disclose a camera system with annular electrical contacts.

The '715.8 reference was cited as an Y-type reference in a Search Report for corresponding German Patent Application No. 101 12 895.9.

F. German Reference No. 43 16 142

Based solely on the drawings and the attached English language Abstract, the '142 reference is pertinent because it appears to disclose a linear drive with one or more electrically

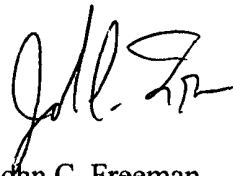
conductive conductor tracks that have slit contacts. A connection preventing device prevents electrical contact between the slit contact and the conductive track.

The '142 reference was cited as an Y-type reference in a Search Report for corresponding German Patent Application No. 101 12 895.9.

III. CONCLUSION

It is believed that none of these references, alone or in combination, disclose or suggest the invention claimed. However, Applicant wishes to make it clear that the disclosure of the above references is in no way an admission that they qualify as prior art. It is Applicant's desire, however, to have these references available in the record for both the Examiner and the public to see. Applicant therefore requests that the Examiner review the entire disclosure of each reference and make the above-listed references of record.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'John C. Freeman', written in a cursive style.

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Dated: July 28, 2003

FORM PTO-1449	SERIAL NO. 10/043,885	CASE NO. 9743/4
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE January 9, 2003	GROUP ART UNIT 2834
(use several sheets if necessary)	APPLICANT(S): Ludwig Angerpointner	

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	B1	3,042,998	07/10/62	Sweet et al.		
	B2	4,617,505	10/14/86	Sausner et al.		
	B3	4,870,311	09/26/89	Chase et al.		
	B4	5,231,374	07/27/93	Larsen et al.		
	B5	US 2003/0103770 A1	06/05/03	Arbuckle		

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO
	B6	34 14 211 C2	05/31/90	Germany		No
	B7	G 94 01 715.8 U1	05/05/94	Germany		No
	B8	43 16 142 A1	11/17/94	Germany		No

EXAMINER INITIAL	OTHER ART – NON PATENT LITERATURE DOCUMENTS <small>(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.)</small>	
	None	

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.